P.W. – 17 | 1st and final bill | Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

Reference paras 158 & 170

AEE, YSTSD

Division Yelahanka | Sub division Yelahanka New Town | BBR No 52/17-18 Date

YNK-BBR No 109 Date 30.06.17

Bills received No | Sub-divisional / Divisional | Cash book vr No Date 30-6-2017

Scheduled Docket No | Head of account P-3110 (14th Finance Comi. Grant)

Name of work(as per sanctioned estimate) :-

Work code:003-17-000078

NAME OF WORK : **Providing of cobble stone footpath at ward no 03**

Name of contractor and full address :-

Technical Manager (west)

Reference to agreement No :- 70 | Estimated cost :50.00 Lakhs | W.O.dated:70/16-17, dt:16/06/2017

Certified that the measurments were taken by me on 30/06/2017 and recorded on pages 466102-466127 to of measurment book No 4662 and the work is satisfactorily executed by the contractor.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Signature of contractor

Assistant Engineer

Certified that the measurments were taken by me on and recorded correct.The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬ.ಬ.ಪಾ.ಕ. ಬೆಂಗಳೂರು-106

Sub-divisional officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being-----percent Rs----------%---------		
3) Balance---	1st & Final	489912=00
4) Deduct payments	FSD	-24495 6
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount adjusted towards cash advance recovery of	IT	97983=00
	VAT	39193=00
	LC	9798=2=00
b) Cost of payments/stores or other materials supplied now made recovery of	CBF	4899=00
Amount paid on this bill by cheque/cash	Royalty	-70020=00
Total		
5). Balance being unpaid value of work done held in reserve	T.D	90770=00
6) Deduct cash of advance made on divisional/sub divisional cash book		
7) Net amount due to or from contractor.	Net	399135=00
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED		

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum
(in final settlement of all demand)

Witness
1)
2)

Reciept Stamp

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010
Audited & Admitted for Rs. 489912=00
399135=00 by Cheque
and Rs. 90770=00 by adjusement

Dated signature of contractor
paid by me cheque No dated

Cash Rs

Date

Initials of officer making payment

Date

Assistant Engineer
Yelahanka Division
BBMP

Executive Engineer
BBMP

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	Removing B.S slab of drain and stacking (P.No 25 I.No 5.32)	sqm			41.99	65.72	2759.58	41.99	2759.58
2	Refixing stone slabs of drains and pointing in CM(1:3)(P.No 25 I.No 5.33)	Sqm			41.99	80.56	3382.71	41.99	3382.71
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do 7.5 cms thick(P.No 25 I.No 5.31.1)	sqm			377.93	665.68	251567 ~~251593.76~~	377.93	251567 ~~251593.76~~
4	KSRRB 200-8.Claring and grubbing road land including uprooting rank vegetation,grass,brush,shrubs.saplings and trees of girth up to 300mm, by manual means,in areas of light jungle,removal of stumps, disposal of un serviceable materials,stacking of serviceable materials labour charges complete as per specifications.(p.no136/s.no 18.11,pwd sr 2016-2017)	sqm			447.04	6.36	2843.17	447.04	2843.17

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
5	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no141, PWD SR 2016-17)	Cum			733.02	86.92	63714.10	733.02	63714.10
6	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2016-17	Cum			28.74 ~~28.76~~	299.98	8621 ~~8627.42~~	28.74 ~~28.76~~	8621 ~~8627.42~~

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
7	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Morum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no130,PWD SR 2016-17)	Cum			761.78	72.08	54909.10	761.78	54909.10
8	KSRRB M300-53 : Construction of embankment with approved material Gravel/Murrum with all lifts and leads, trasnporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305. **(Page No. 144 & Item No. 19,60)**	Cum			667.20	320.12	213584.06	667.20	213584.06

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
9	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1,4.2(Item no 4.3,Page no12,PWD SR 2016-17)	Cum			226.93	5159.12	1170759.10	226.93	1170759.10
10	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming etc as per specification&direction of the engineer incharge of work (pwd sr2016-17,p.no13,sno4.11)	Cum			~~15.12~~ 15.10	6371.66	~~96339.50~~ 96212	~~15.12~~ 15.10	~~96339.50~~ 96212

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
11	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe55 0(pwd sr2016-17,p.no17,s.no4.46) 0.090 tonne,s / cum	Tonne, s			0.98	60103.06	58900.00	0.98	58900.00
12	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecificationS.Specification no.KBS 4.6.2 (pwd sr2016-17 p.no15/4.31)	Sqm			72.42	310.58	22492.20	72.42	22492.20

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
13	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.27)	Sqm			198.64	993.22	197293.22	198.64	197293.22
14	Removing and refixing Footpath(covering) slabs	Sqm			312.60	132.50	41419.50	312.60	41419.50
15	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm			312.60	2100.00	656460.00	312.60	656460.00
16	Removing and refixing of kerb stones	Rmtr			128.32	65.72	8433.19	128.32	8433.19
17	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.(pwd sr 2016-17,.n o25 5.30)	Nos			232 233.00	331.76	76968 77300.08	232 233.00	76968 77300.08

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
18	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No 101, I.No 14.6)	Sqm			923.86	916.90	847096.40 847087	923.86	847096.40 847087
19	KSRB M2200-5.11.Design mix M20 with OPC cement @320 kgs.with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999 Reaffirmed-2008.etc as per specification&direction of the engineer incharge of work (pwd sr2016-17,p.no216,sno28.7.9)	Cum			78.46	7580.06	594731.51	78.46	594731.51

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
20	Providing groove cutting for width of 5mm to 10mm and depth 80mm-100 mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications (P.No 175, I.No 22.8.1)	Rmt			89.9 ~~90.00~~	121.90	10958 10~~971.00~~	89.9 ~~90.00~~	10958 10~~971.00~~
21	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on	Unit			14.00	7463.46	104488.44	14.00	104488.44

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurment		Present Measurment			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
22	Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge-	sqm			18.00	4725.00	85050.00	18.00	85050.00
23	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications (Page No 121, Item No 15.80)	Sqm			46.92 ~~47.24~~	27.56	1293 ~~1301.93~~	46.92 ~~47.24~~	1293 ~~1301.93~~
24	KSRB 15-20.1 : Providing and applying floor painting with ready mix paint in two coats (exluding priming coat) on new concrete / asbestos cement sheet / plastered surfaces brushing to give an even shade after preparing the surface after throughly cleaning oil, dirt, dust other foreign matter and sand papering including cost of materials, labour, complete as per	Sqm			234.45	53.00	12425.85	234.45	12425.85
					TOTAL		~~4587016.23~~	4586550	4587016.23
					KRIDL 8% charges		366961.30	366908	366961.30
					Labour cess		45870.16	45863	45870.16
					TOTAL		4999847.69		4999847.69

4899121=00

Asst. Engineer

Asst. Executive Engineer